



**Shenzhen SEM Test Technology Co., Ltd.**

1/F, Building A, Hongwei Industrial Park, Liuxian 2nd Road, Shenzhen, P.R.C. (518101)

Tel: +86-0755-33663308

Fax: +86-0755-33663309

http://www.semtest.com.cn

<b>Job No.:</b>	<b>IEC 6100-4-2</b>	<b>Date:</b>	<b>2019-11-7</b>
<b>Standard:</b>		<b>Test item:</b>	<b>ESD (IEC 61000-4-2)</b>
<b>Temp. /Hum.(%RH):</b>	<b>23°C / 56 %</b>	<b>Test By:</b>	<b>GAVIN</b>
<b>Client:</b>	<b>深圳市科拉德嵌入式技术有限公司 CLOUD EMBEDDED TECHNOLOGY LIMITED</b>		
<b>Address:</b>			
<b>EUT:</b>	<b>Industrial Panel PC</b>	<b>Model:</b>	<b>CTN-1261C</b>
<b>Test Condition:</b>	<b>Working</b>		
<b>Note:</b>		<b>Conclusion:</b>	<input checked="" type="checkbox"/> <b>PASS</b> <input type="checkbox"/> <b>FAIL</b>

**Test Data:**

Table 1: Electrostatic Discharge Immunity (Air Discharge)

EN 61000-4-2 Test Points	Test Levels (kV)									
	-6	+6	-8	+8	-10	+10	-12	+12	-15	+15
屏幕	/	/	B	B	/	/	/	/	/	/
外壳裂缝	/	/	B	B	/	/	/	/	/	/

Table 2: Electrostatic Discharge Immunity (Direct Contact)

EN 61000-4-2 Test Points	Test Levels (kV)									
	-2	+2	-3	+3	-4	+4	-5	+5	-6	+6
USB	/	/	/	/	B	B	/	/	/	/
VGA	/	/	/	/	B	B	/	/	/	/
HDMI	/	/	/	/	B	B	/	/	/	/
电源按键	/	/	/	/	B	B	/	/	/	/
网口	/	/	/	/	B	B	/	/	/	/

Table 3: Electrostatic Discharge Immunity (Indirect Contact HCP & VCP)

EN 61000-4-2 Test Points	Test Levels (kV)									
	-4	+4	-8	+8	-9	+9	-10	+10	-12	+12
HCP (6 Sides)	A	A	/	/	/	/	/	/	/	/
VCP (4 Sides)	A	A	/	/	/	/	/	/	/	/

**Performance Criteria:**

A. The apparatus shall continue to operate as intended during and after the test. The manufacturer specifies some

minimum performance level. The performance level may be specified by the manufacturer as a permissible loss of performance.

- B. The apparatus shall continue to operate as intended after the test. This indicates that the EUT does not need to function at normal performance levels during the test, but must recover. Again some minimal performance is defined by the manufacture. No change in operating state or loss or data is permitted.
- C. Temporary loss of function is allowed. Operation of the EUT may stop as long as it is either automatically reset or can be manually restored by operation of the controls.